

# Biology Practice Test Answer Key

## Qatar Senior School Certificate 2009



### Selected Response Answer Key:

Item	Answer
1	D
2	C
3	B
4	A
5	C
6	C
7	D
8	C
9	B
10	C
11	A

### Answer to question 12:

Any two of the following:

- Bees will die if hive temperature fluctuates too drastically.
- Stores of honey/pollen/food may be compromised if hive temperature fluctuates too drastically (as this is where it is stored).
- Productivity may decrease if hive temperature fluctuates too drastically.
- Higher or lower temperatures may cause injury or illness to the bees, or make them more susceptible to infection or disease.
- Any other reasonable response

### Answer to question 13:

Any response indicating that bacteria are used to break down the solids and organic matter in waste water.

### Answer to question 14:

**Part A:** Any response indicating that receptors detect changes in the body's internal conditions (temperature, blood sugar level, etc.) and send signals to the brain or other organs which act on the information.

**Part B:** Any one of the following:

- Regulation of body temperature
- Regulation of blood salinity, sugar, pH, calcium level, etc.
- Any other reasonable response